Adding and Subtracting Mixed Numbers

Today's Standard

4.NF.B3c - Add and subtract mixed numbers with like denominators, e.g., by replacing each mixed number with an equivalent fraction, and/or by using properties of operations and the relationship between addition and subtraction.

Cues	Notes
Mixed Numbers	Mixed numbers are numbers that include both a whole number and a fraction.
Equivalent Fractions	Equivalent fractions are different fractions that represent the same value.
Improper Fractions	Improper fractions have a numerator larger than the denominator.
Like Denominators	Like denominators mean the denominators of the fractions are the same.
Addition and Subtraction	To add or subtract mixed numbers, convert them to improper fractions, perform the operation, and convert back if necessary.

Summary

Adding and subtracting mixed numbers involves converting them to improper fractions, performing the operation, and converting back to mixed numbers if needed. Understanding equivalent fractions and like denominators is essential.